

[1,2-alpha-Methylene-6-chloro-delta\(sup 6\)-17-alpha-hydroxyprogesterone acetate](#)
[6-Chloro-delta\(sup 6\)-1,2-alpha-methylene-17-alpha-hydroxyprogesterone acetate](#)
[17-alpha-Acetoxy-6-chloro-1-alpha,2-alpha-methylenepregna-4,6-diene-3,20-dione](#)
[6-Chloro-1,2-alpha-methylene-17-alpha-hydroxy-delta\(sup 6\)-progesterone acetate](#)
[6-Chloro-17-hydroxy-1-alpha,2-alpha-methylenepregna-4,6-diene-3,20-dione acetate](#)
[6-Chlor-delta\(sup 6\)-1,2-alpha-methylen-17-alpha-hydroxyprogesteronacetat \[German\]](#)
[Pregna-4,6-diene-3,20-dione, 6-chloro-17-hydroxy-1-alpha,2-alpha-methylene-, acetate](#)
[1,2-alpha-Methylene-6-chloro-\(sup 4,6\)-pregnadiene-17-alpha-ol-3,20-dione](#)
[17-alpha-acetate](#)
[6-Chloro-1beta,2beta-dihydro-17-hydroxy-3'H-cyclopropa\(1,2\)-pregna-1,4,6-triene-3,20-dione acetate](#)
[6-Chloro-1-beta,2-beta-dihydro-17-hydroxy-3'H-cyclopropa\(1,2\)pregna-1,4,6-triene-3,20-dione 17-acetate](#)
[3'H-Cyclopropa\(1,2\)pregna-1,4,6-triene-3,20-dione, 6-chloro-1-beta,2-beta-dihydro-17-hydroxy-, acetate](#)
[3'H-Cyclopropa\(1,2\)pregna-1,4,6-triene-3,20-dione, 17-\(acetyloxy\)-6-chloro-1,2-dihydro-, \(1beta,2beta\)-\(1R,7aR,8aS,8bS,10aS\)-1-acetyl-5-chloro-8b,10a-dimethyl-7-oxo-1,2,3,3a,3b,7,7a,8,8a,8b,8c,9,10,10a-tetradecahydrocyclopenta\[a\]cyclopropa\[g\]phenanthren-1-yl acetate](#)

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| 英文别名 | 327-7143H 80714Androcur NSC-81430 HSDB 3592 NSC 81430 Cyprostat CCRIS |
| EINECS | 207504813 4KM2BN5JHF Cyproteron acetate Cyproterone acetate |
| 化学式 | C24H29ClO4 acetate Cyproteron-R acetate Cyproterone 17-O-acetate |
| 分子量 | 416.94 terone 17alpha-acetate 6-Chloro-delta-6-1,2alpha-methylene-17alpha- |
| InChI | InChI=1/C24H29ClO4/c11(20)24(29-13(2)27)8-16-14-10-20(25)19-11-21(28)15-9-18(15)23(19)4-17(34)5-7-22(16,24)37-10-11-14-318H,5-9H27-24H3/1-41c15,16,17-18r,22s,2341,24+1/m1/s1 methylene-6-chloro- |
| 密度 | 1.0677 (rough estimate) dione 17-alpha-acetate 6-chlor-delta(sup 6)-1,2-alpha- |
| 熔点 | 200-204 °C -alpha-hydroxyprogesteronacetat 6-Chlor-delta(sup 6)-1,2-alpha- |
| 沸点 | 528.8 °C (rough estimate) yprogesteronacetat 1,2-alpha-Methylene-6-chloro- |
| 闪点 | 177.6 °C 6-diene-3,20-dione 17-alpha-acetate 1,2-alpha-methylene-6-chloro- |
| 蒸汽压 | 3.78E-16 sup mmHg at 25 °C roxyprogesteroneacetat 6-Chloro-1,2-alpha- |
| 溶解度 | Practically insoluble in water very soluble in methylene chloride freely soluble in acetone soluble in methanol sparingly soluble in anhydrous ethanol 17-alpha- |
| 折射率 | 1.4429 (estimate) -1-alpha,2-alpha-methylenepregna-4,6-diene-3,20-dio |
| 存储条件 | Sealed in dry,Store in freezer, under -20 ° C |
| 外观 | neat |
| 颜色 | White to Off-White |
| *大波长(max) | [281nm(MeOH)(lit.)] |
| Merck | 14,2774 |
| 产品用途 | 抗雄性激素，用于治疗男性良性前列腺肥大症，并可用作男性避孕药 |

LUC转录,但是高浓度时刺激转录。

体内研究

Cyproterone acetate 具有显著随剂量增加而直接抑制睾酮特性显著降低精子数量和激活AR的EC50为40nM。在再添加在秋季认为延长白天，睾酮激活和耐受性降低。Cyproterone acetate 抑制睾酮的雄激素受体优先降低睾丸中精细胞鱼精蛋白水平，也降低核染色质浓缩中涉及的精子水平。